

ABSTRACT OF THE DISCLOSURE

An entrance intercom specific color panel module provides higher lumens and more consistent brightness, lower production cost, upgraded image quality, longer service life, summary manufacturing process, easy
5 assembly and fast replacement of parts, comprised of chip on glass (COG) LCD panel adapted with tape automated bonding (TAB) backlight module in direct light design including a reflector, a fluorescent lamp and a light guide plate; the reflector approximately in W-shape section, rectangular plastic sheet provided with a recess to accommodate the lamp; the light guide plate made of
10 transparent acrylic material being adhered to the surface of the reflector, an arc diffuser being provided on the bottom of the light guide plate at where in relation to the area of the light tube; on the top of the light guide plate being bonded to the back of the LCD panel.